

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

A-71722/MSS (463035-860)

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/524980

INTERNATIONAL APPLICATION NO.

PCT/US2003/026083

INTERNATIONAL FILING DATE

August 18, 2003

PRIORITY DATE CLAIMED

August 18, 2002

TITLE OF INVENTION

LOW TEMPERATURE DEPOSITION OF SILICON OXIDES AND OXYNITRIDES

APPLICANT(S) FOR DO/EO/US

Yoshihide SENZAKI, Sang-In LEE, Sang-Kyoo LEE

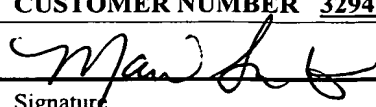
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not transmitted by the International Bureau).
 - b. ☐ had been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration (unsigned) of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4)
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

A copy of Notification of Transmittal of International Search Report, a Request to Change Applicant Name as filed on 2/10/04 in the PCT Office, Check no. 302558 in the amount of \$1,480.00, and a return stamped addressed postcard.

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/US2003/026083		ATTORNEY'S DOCKET NUMBER A-71722/MSS (463035-860)	
21. The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic national fee		\$300.00		\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee		\$200.00		\$ 200.00	
<input checked="" type="checkbox"/> c) Search Fee		\$500.00		\$ 500.00	
TOTAL OF ABOVE CALCULATIONS =		\$1000.00		\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
20 - 100	0 /50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total claims		27 -20 =	7	x \$50.00	\$350.00
Independent claims		2 -3 =	0	x \$200.00	\$0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS =				\$1,480.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$1,480.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$1,480.00	
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$1,480.00	
				Amount to be refunded:	\$
				charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,480.00</u> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. <u>50-2319</u> A duplicate coy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:			CUSTOMER NUMBER <u>32940</u>		
Maria S. Swiatek, Esq. Dorsey & Whitney LLP Intellectual Property Department Four Embarcadero Center, Suite 3400 San Francisco, California 94111-4187 Telephone: (650) 494-8700 Facsimile: (650) 494-8771					
			Signature		
			Name		
			Registration Number: <u>37,244</u>		

PATENT COOPERATION TREATY

10/524980
Rec'd PCT/PTO 18 FEB 2005

In re Application of: ASML US, INC. et. al.

International Application No.: PCT/US03/26083

International Filing Date: 18 August 2003

Title: LOW TEMPERATURE DEPOSITION OF SILICON OXIDES AND OXYNITRIDES

The International Bureau of WIPO
Attn: Elisabeth Konig
34, chemin des Colombettes
1211 Geneva 20, Switzerland

FAX: 011-41-22-338-89-70

REQUEST TO CHANGE APPLICANT NAME

Madam/Sir:

Applicant hereby requests that the name of applicant ASML US, INC. be changed to AVIZA TECHNOLOGY, INC. All other information remain the same.

Copies of the Powers of Attorney from (former) application ASML US, INC. and (new) applicant AVIZA TECHNOLOGY, INC. are enclosed.

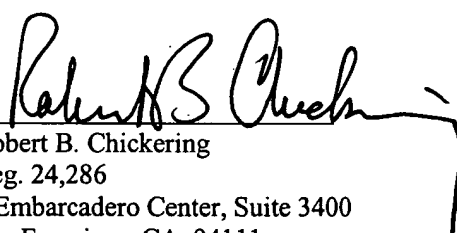
Applicant requests that the Examiner contact Maria S. Swiatek at (415) 781-1989 for any questions or comments regarding the subject international application.

Dated: February 10, 2004.

Respectfully submitted,


DORSEY & WHITNEY LLP

By

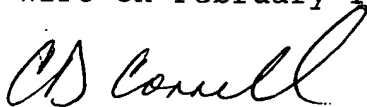

Robert B. Chickering
Reg. 24,286
4 Embarcadero Center, Suite 3400
San Francisco, CA 94111
(415) 781-1989

FP-71722-PC)

I, Christine D. Connell, certify that this Response as enclosed herein is being transmitted by facsimile to the Commissioner for Patents, PCT Receiving Office, at facsimile number 703-305-3230, on this date, February 10, 2004.



I, Christine D. Connell, ^{certify} that the enclosed Power of Attorney and this letter ~~is~~ ^{are} being transmitted to the International Bureau of WIPO on February 10, 2004.



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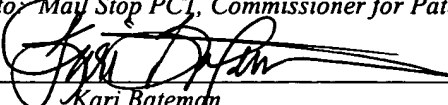
DATE:	February 10, 2004	TOTAL # OF PAGES: (INCLUDING THIS COVER SHEET)	4
TO:	Elisabeth Konig	FAX #:	011-41-22-338-89-70
FIRM NAME:	International Bureau of WIPO	PHONE #:	
FROM:	Christine Connell	FAX #:	(415) 398-3249
PHONE #:	(415) 544-7039	EMAIL:	connell.christine@dorsey.com
COMMENTS:			

10/524980

DT1  c'd PCT/PTO. 18 FEB 2005**"EXPRESS MAIL" Mailing Label Number EV 182 095 795 US**Date of Deposit: February 18, 2005

I hereby certify that the below-listed documents are being deposited with the United States Postal Service
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" service Under 37 CFR 1.10 on the date indicated above and is
addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

SIGNED:


Kari Bateman

- [x] Transmittal Letter to the US Designated/Elected Office Concerning a Filing under 35 U.S.C. 371;
- [x] 14 pgs. Specification, this includes 4 pgs. of Claims; (not including drawings)
- [x] Two (2) sheets of formal drawings (Figs. 1-2);
- [x] Unsigned Declaration (3 pgs.);
- [x] Copy of International Search Report;
- [x] Copy of Request to Change Applicant Name as filed on 2/10/04 in the PCT Office;
- [x] Check No. 302558 in the amount of \$1,480.00 (\$1,000 for Filing Fee at large entity fee, \$130 surcharge fee for oath, \$350 for add'l. claims);
- [x] Certificate of Express Mailing;
- [x] Return Postcard.